



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: August 23, 2013

EPA Reg. No./File Symbol: 2749-560

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Applicant's/Registrant's Name & Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

Product Specific Data Requirements

|          |  |                      |                                    |     |              |
|----------|--|----------------------|------------------------------------|-----|--------------|
| 830.1550 | Product Identity and Composition                     | 47902601<br>48167801 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1600 | Description of Materials Used to Produce the Product | 47902601<br>48167801 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1620 | Description of Production Process                    | 47902601<br>48167801 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1650 | Description of Formulation Process                   |                      |                                    |     | Not required |
| 830.1670 | Discussion of Formation of Impurities                | 47902601<br>48167801 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1700 | Preliminary Analysis                                 | 47902602<br>48167802 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1750 | Certified Limits                                     | 47902601<br>48167801 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.1800 | Enforcement Analytical Method                        | 47902601             | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.6302 | Color  | 47902603<br>48167803 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.6303 | Physical State                                       | 47902603<br>48167803 | Aceto Agricultural Chemicals Corp. | OWN |              |

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



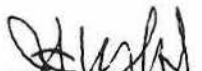
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|  |   |   |                                    |                 |              |
|--|---|---|------------------------------------|-----------------|--------------|
| 830.6304   | Odor  | 47902603<br>48167803  | Aceto Agricultural Chemicals Corp. | OWN             |              |
| 830.6313   | Stability to Normal and Elevated Temperatures, Metals, and Metal Ions | Cite-all  |                                    | PAY             |              |
| 830.6314   | Oxidation/Reduction: Chemical Incompatibility                         | Cite-all  |                                    | PAY             |              |
| 830.6315   | Flammability  | 47902603<br>48167803  | Aceto Agricultural Chemicals Corp. | OWN             |              |
| 830.6316   | Explosibility   | 47902603<br>48167803  | Aceto Agricultural Chemicals Corp. | OWN             |              |
| 830.6317   | Storage Stability   |   |                                    |                 |              |
| 830.6319   | Miscibility   |   |                                    |                 | Not required |
| 830.6320   | Corrosion Characteristics   |   |                                    |                 |              |
| 830.6321   | Dielectric Breakdown Voltage  |   |                                    |                 | Not required |
| 830.7000   | pH  | 47902603<br>48167803  | Aceto Agricultural Chemicals Corp. | OWN             |              |
| 830.7050   | UV/Visible Absorption   | Cite-all  |                                    | PAY             |              |
| 830.7100   | Viscosity   |   |                                    |                 | Not required |
| 830.7200   | Melting Point/Melting Range   | 47902603<br>48167803  | Aceto Agricultural Chemicals Corp. | OWN             |              |
| 830.7220   | Boiling Point/Boiling Range   |   |                                    |                 | Not required |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |                                    | Date<br>8/23/13 |              |



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 | Product<br><br>Bifenthrin Technical MUP |              |           |        |      |
| Ingredient: Bifenthrin  |   |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                    | MRID Number  | Submitter | Status | Note |

|          |  |                      |                                    |     |              |
|----------|--|----------------------|------------------------------------|-----|--------------|
| 830.7300 | Density/Relative Density/Bulk Density  | 47902603<br>48167803 | Aceto Agricultural Chemicals Corp. | OWN |              |
| 830.7370 | Dissociation Constants in Water  | Cite-all             |                                    | PAY |              |
| 830.7520 | Particle Size, fiber length, and diameter distribution                       |                      |                                    |     | Not required |
| 830.7550 | Partition Coefficient (n-octanol/water), Shake Flask Method                  | Cite-all             |                                    | PAY |              |
| 830.7560 | Partition Coefficient (n-octanol/water), Generator Column Method             |                      |                                    |     | See 870.7550 |
| 830.7570 | Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography |                      |                                    |     | See 870.7550 |
| 830.7840 | Water Solubility: Column Elution Method; Shake Flask Method                  | Cite-all             |                                    | PAY |              |
| 830.7860 | Water Solubility, Generator Column Method                                    |                      |                                    |     | See 870.7860 |
| 830.7950 | Vapor Pressure   | Cite-all             |                                    | PAY |              |
| 870.1100 | Acute Oral Toxicity: Rat   | 47902604             | Aceto Agricultural Chemicals Corp. | OWN |              |
| 870.1200 | Acute Dermal Toxicity: Rat   | 47902605             | Aceto Agricultural Chemicals Corp. | OWN |              |

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Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number                | Guideline Study Name               | MRID Number | Submitter                          | Status | Note |
|---|------------------------------------|-------------|------------------------------------|--------|------|
| 870.1300                                  | Acute Inhalation Toxicity: Rat     | 47902606    | Aceto Agricultural Chemicals Corp. | OWN    |      |
| 870.2400                                  | Primary Eye Irritation: Rabbit     | 47902607    | Aceto Agricultural Chemicals Corp. | OWN    |      |
| 870.2500                                  | Primary Dermal Irritation          | 47902608    | Aceto Agricultural Chemicals Corp. | OWN    |      |
| 870.2600                                  | Dermal Sensitization               | 47902609    | Aceto Agricultural Chemicals Corp. | OWN    |      |
| <b>Generic Data Requirements</b>          |                                    |             |                                    |        |      |
| 850.2100 (71-1)                           | Acute Avian Oral Toxicity          | Cite-all    |                                    | PAY    |      |
| 850.2200 (71-2)                           | Avian Dietary Toxicity             | Cite-all    |                                    | PAY    |      |
| 850.2300 (71-4)                           | Avian Reproduction                 | Cite-all    |                                    | PAY    |      |
| 850.2400 (71-3)                           | Wild Mammal Toxicity               | Cite-all    |                                    | PAY    |      |
| 850.1075 (72-1)                           | Freshwater Fish Toxicity           | Cite-all    |                                    | PAY    |      |
| 850.1010 (72-2)                           | Freshwater Invertebrate Toxicity   | Cite-all    |                                    | PAY    |      |
| 850.1075 (72-3(a))                        | Estuarine/Marine Toxicity: Fish    | ACC264646   |                                    | OLD    |      |
| 850.1025 (72-3(b))                        | Estuarine/Marine Toxicity: Mollusk | Cite-all    |                                    | PAY    |      |
| 850.1035, 850.1045,<br>850.1055 (72-3(c)) | Estuarine/Marine Toxicity: Shrimp  | 49060102    | Bifenthrin Task Force              | OWN    |      |
| 850.1300 (72-4)                           | Aquatic Invertebrate Life Cycle    | 41156501    |                                    | OLD    |      |

|  |   |                 |
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| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|  |   |   |  |                 |  |
|--|---|---|--|-----------------|--|
| 850.1350   | Chronic Mysid   |   | Study in progress by Bifenthrin Task Force | OWN             |  |
| 850.1400; 850.1500   | Fish Early Life Stage; Fish Full Life Cycle                   | 40791301  | Study in progress by Bifenthrin Task Force | OLD OWN         |  |
| 850.1710, 850.1730, 850.1850 (165-4)   | Aquatic Organisms Bioavailability, Biomagnification, Toxicity | Cite-all  |  | PAY             |  |
| SS-1072  | Chronic Leptocheirus  |   | Study in progress by Bifenthrin Task Force | OWN             |  |
| SS-1066  | Chronic Hyalella  |   | Study in progress by Bifenthrin Task Force | OWN             |  |
| SS-1069  | Chronic Chironomus  |   | Study in progress by Bifenthrin Task Force | OWN             |  |
| 850.3020 (141-1)   | Honeybee Acute Contact Toxicity                               | Cite-all  |  | PAY             |  |
| 850.4100 (122-1(a))  | Tier 1: Good Germination/Seedling Emergence                   | Cite-all  |  | PAY             |  |
| 850.4150 (122-1(b))  | Tier 1: Vegetative Vigor                                      | Cite-all  |  | PAY             |  |
| 850.4400 (122-2)   | Tier 1: Aquatic Plant Growth                                  | Cite-all  |  | PAY             |  |
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Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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|----------------------------|----------------------|-------------|-----------|--------|------|

|                              |                                    |          |                                       |     |                            |
|------------------------------|------------------------------------|----------|---------------------------------------|-----|----------------------------|
| 870.6000 (81-8)              | Acute Neurotoxicity – Rat          | 44862102 | FMC Corp. Agricultural Products Group | PER | See endnote <sup>i</sup>   |
| 870.3100 (82-1)              | 90-Day Oral – Rodent               | Cite-all |                                       | PAY |                            |
| 870.3150 (82-1)              | 90-Day Oral – Non-Rodent           | Cite-all |                                       | PAY |                            |
| 870.3200 (82-2)              | 21/28-Day Dermal                   | 00141198 |                                       | OLD | See endnote <sup>ii</sup>  |
|                              |                                    | 45280501 | FMC Corp. Agricultural Products Group | PER |                            |
| 870.3250 (82-3)              | 90-Day Dermal                      | 48807401 | Bifenthrin Task Force                 | OWN |                            |
| 870.3465 (82-4)              | 90-Day Inhalation                  | Cite-all |                                       | PAY |                            |
| 870.6200 (82-5)              | 90-Day Neurotoxicity – Rat         | 44862103 | FMC Corp. Agricultural Products Group | PER | See endnote <sup>iii</sup> |
| 870.4100 (83-1)              | Chronic Oral – Rodent              | Cite-all |                                       | PAY |                            |
| 870.4200                     | Carcinogenicity                    | Cite-all |                                       | PAY |                            |
| 870.3700 (83-3)              | Prenatal Developmental Toxicity    | Cite-all |                                       | PAY |                            |
| 870.3800 (83-4)              | Reproduction and Fertility Effects | Cite-all |                                       | PAY |                            |
| 870.6300                     | Developmental Neurotoxicity        | 46750501 | FMC Corp. Agricultural Products Group | PER | See endnote <sup>iv</sup>  |
| 870.5100 (84-2(a))           | Bacterial Reverse Mutation Assay   | Cite-all |                                       | PAY |                            |
| 870.5300, 870.5375 (84-2(b)) | In vitro Mammalian Cell Assay      | Cite-all |                                       | PAY |                            |
| 870.5385, 870.5395 (84-4)    | In vivo Cytogenetics               | Cite-all |                                       | PAY |                            |

Signature

Name and Title

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Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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|                  |                                    |          |                       |     |  |
|------------------|------------------------------------|----------|-----------------------|-----|--|
| 870.7485 (85-1)  | Metabolism and Pharmacokinetics    | Cite-all |                       | PAY |  |
| 870.7600         | Dermal Penetration                 | Cite-all |                       | PAY |  |
| 870.7800         | Immunotoxicity                     | 49108801 | Bifenthrin Task Force | OWN |  |
| 875.1100         | Dermal Outdoor Exposure            | Cite-All |                       | PAY |  |
| 875.1200         | Dermal Indoor Exposure             | Cite-All |                       | PAY |  |
| 875.1300         | Inhalation Outdoor Exposure        | Cite-All |                       | PAY |  |
| 875.1400         | Inhalation Indoor Exposure         | Cite-All |                       | PAY |  |
| 875.2100         | Dislodgeable Foliar Residue        | Cite-All |                       | PAY |  |
| 875.2200         | Soil Residue Dissipation           | Cite-All |                       | PAY |  |
| 875.2300         | Indoor Surface Residue Dissipation | Cite-All |                       | PAY |  |
| 875.2400         | Dermal Exposure                    | Cite-All |                       | PAY |  |
| 875.2500         | Inhalation Exposure                | Cite-All |                       | PAY |  |
| 835.2120 (161-1) | Hydrolysis                         | Cite-All |                       | PAY |  |
| 835.2240 (161-2) | Photodegradation in Water          | Cite-All |                       | PAY |  |
| 835.2410 (161-3) | Photodegradation on Soil           | Cite-All |                       | PAY |  |

Signature

Name and Title

John F. Wright, Authorized Representative

Date

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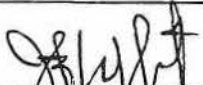
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| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|                  |                              |  |  |  |  |
|------------------|------------------------------|--|--|--|--|
| 835.4100 (162-1) | Aerobic Soil Metabolism      | 48882502<br>AC073174<br>AC073225<br>AC141502<br>AC251278<br>AC254401<br>AC254411<br>AC264642<br>AC532540<br>00132540<br>00141202<br>00152266 | FMC Corporation                            | PAY<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>OLD |  |
| 835.4200 (162-2) | Anaerobic Soil Metabolism    | 48882503<br>00163088   | FMC Corporation                            | PAY<br>OLD   |  |
| 835.4400 (162-3) | Anaerobic Aquatic Metabolism |  | Study in progress by Bifenthrin Task Force | OWN  |  |
| 835.4300 (162-4) | Aerobic Aquatic Metabolism   | 48882504   | FMC Corporation                            | PAY  |  |

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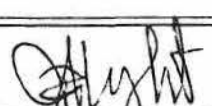
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|--|--|---|--|-----------------|--------------|
| 835.1230, 835.1240 (163-1)   | Leaching and Adsorption/Desorption         | 00141203<br>(AC 254401)                                     |  | OLD             |              |
|  |  | 00132541<br>(AC 251728)                                     |  | OLD             |              |
|  |  | 49175401  | Bifenthrin Task Force                          | OWN             |              |
| 835.1410 (163-2)   | Volatility - Laboratory                    | Cite-All  |  | PAY             |              |
| 835.8100   | Volatility - Field                         |   |  |                 | Not required |
| 835.6100 (164-1)   | Terrestrial Field Dissipation Study        | Cite-All  |  | PAY             |              |
| 835.6200 (164-2)   | Aquatic (Sediment) Field Dissipation Study |   |  |                 | Not required |
| 835.6300 (164-3)   | Forestry Field Dissipation Study           |   |  |                 | Not required |
| N/A  | ILV for Soil and Water                     | 49024201<br>49168201  | Bifenthrin Task Force<br>Bifenthrin Task Force | OWN<br>OWN      |              |
| SS-1065  | POTW Treatability Study                    | Cite-All  |  | PAY             |              |
| SS-1099  | Leachability from Treated Wood             | 47454101<br>47454102  | FMC Corporation<br>FMC Corporation             | PAY<br>PAY      |              |
| 860.1100 (171-2)   | Chemical Identity                          | 47902601<br>48167801  | Aceto Agricultural Chemicals Corp.             | OWN             |              |
| Signature<br> |  | Name and Title<br>John F. Wright, Authorized Representative |  | Date<br>8/23/13 |              |



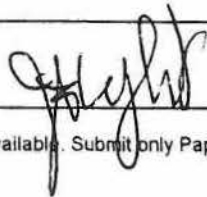
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|---|------------------------------------|---|-----------|---------------|------|
| Date: August 23, 2013   |                                    | EPA Reg. No./File Symbol: 2749-560      |           | Page 10 of 24 |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                                    | Product<br><br>Bifenthrin Technical MUP |           |               |      |
| Ingredient: Bifenthrin  |                                    |   |           |               |      |
| Guideline Reference Number  | Guideline Study Name               | MRID Number                             | Submitter | Status        | Note |
| 860.1200 (171-3)  | Directions for Use                 | See label                               |           |               |      |
| 860.1300 (171-4(a))   | Nature of the Residue in Plants    | Cite-All                                |           | PAY           |      |
| 860.1300 (171-4(b))   | Nature of the Residue in Livestock | Cite-All                                |           | PAY           |      |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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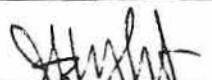
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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 11 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|                          |                            |          |                                       |     |                           |
|--------------------------|----------------------------|----------|---------------------------------------|-----|---------------------------|
| 860.1340 (171-4(c), (d)) | Residue Analytical Methods | 40257903 | FMC Corp. Agricultural Products Group | OLD | See endnote <sup>v</sup>  |
|                          |                            | 41492608 |                                       | OLD |                           |
|                          |                            | 41858110 |                                       | OLD |                           |
|                          |                            | 42357104 |                                       | OLD |                           |
|                          |                            | 42357105 |                                       | OLD |                           |
|                          |                            | 42733401 |                                       | OLD |                           |
|                          |                            | 00163078 |                                       | OLD |                           |
|                          |                            | 40257905 |                                       | OLD |                           |
|                          |                            | 40384407 |                                       | OLD |                           |
|                          |                            | 40384409 |                                       | OLD |                           |
|                          |                            | 40384411 |                                       | OLD |                           |
|                          |                            | 42927802 |                                       | OLD |                           |
|                          |                            | 43641801 |                                       | OLD |                           |
|                          |                            | 44165201 |                                       | PER |                           |
| 830.1360                 | Multiresidue method        | 44455501 | FMC Corp. Agricultural Products Group | PER | See endnote <sup>vi</sup> |
|                          |                            | 44455502 | FMC Corp. Agricultural Products Group | PER |                           |
|                          |                            | 45377301 | FMC Corp. Agricultural Products Group | PER |                           |
|                          |                            | 45350910 | FMC Corp. Agricultural Products Group | PER |                           |
|                          |                            | 40257907 |                                       | OLD |                           |
|                          |                            | 42357101 |                                       | OLD |                           |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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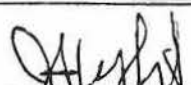
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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 12 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|                     |   |          |                               |     |                              |
|---------------------|---|----------|-------------------------------|-----|------------------------------|
| 860.1380 (171-4(e)) | Storage Stability   | Cite-All |                               | PAY |                              |
| 860.1400 (171-4(f)) | Nature and Magnitude of the Residue - Water, Fish and Irrigated Crops |          |                               |     | Not required <sup>vii</sup>  |
| 860.1460            | Magnitude of the Residue in Plants - Food Handling                    |          |                               |     | Not required <sup>viii</sup> |
| 860.1480 (171-4(j)) | Magnitude of the Residue in Meat, Milk, Poultry, and Eggs             | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Artichokes                       | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Beets, Garden                    |          | See root and tuber vegetables |     |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Brassica vegetables (5A and 5B)  | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Caneberries                      | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Canola                           | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Cilantro                         | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Citrus                           | Cite-All |                               | PAY |                              |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Coriander                        | Cite-All |                               | PAY |                              |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|




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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 | Product<br><br>Bifenthrin Technical MUP |               |           |        |      |
| Ingredient: Bifenthrin  |   |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                    | MRID Number   | Submitter | Status | Note |

|  |  |  |  |   |                             |
|--|--|--|--|---|-----------------------------|
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Corn                | 40257908<br>41858103<br>41858108<br>41894602<br>41804603<br>44620602<br>44805701 | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>PER<br>PER | See<br>endnote <sup>x</sup> |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Cotton              | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Crambe              | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Cucurbits           | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Fruiting Vegetables | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Grapes              | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Herbs (19A)         | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Hops                | 49167001   | Bifenthrin Task Force  | OWN   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Legume Vegetables   | Cite-All   |  | PAY   |                             |
| 860.1500 (171-4(k))  | Magnitude of the Residue in Plants - Lettuce             | Cite-All   |  | PAY   |                             |
| Signature<br> |  | Name and Title<br>John F. Wright, Authorized Representative                      |  | Date<br>8/23/13                               |                             |



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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

|                     |  |                      |  |            |  |
|---------------------|--|----------------------|--|------------|--|
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Mayhaw                              | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Okra                                | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Peanut                              | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Pear                                | 45377302<br>45377303 | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | PER<br>PER |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Pistachio                           | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Radish                              |                      | See root and tuber vegetables  |            |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Rapeseed                            |                      | See canola   |            |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Root and Tuber Vegetables           | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Leaves of Root and Tuber Vegetables | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Soybean                             | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Spinach                             | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Strawberry                          | Cite-All             |  | PAY        |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Tobacco                             | Cite-All             |  | PAY        |  |

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |   | Product<br><br>Bifenthrin Technical MUP  |  |   |                          |
| Ingredient: Bifenthrin  |   |  |  |   |                          |
| Guideline Reference Number  | Guideline Study Name  | MRID Number  | Submitter  | Status  | Note                     |
| 860.1500 (171-4(k))   | Magnitude of the Residue in Plants - Tree Nuts                        | 00151439<br>00162836<br>41492604<br>45377305                                     | FMC Corp. Agricultural Products Group  | OLD<br>OLD<br>OLD<br>PER                      |                          |
| 860.1500 (171-4(k))   | Magnitude of the Residue in Plants - Tuberous and Corm Vegetables     | Cite-All   |  | PAY   |                          |
| 860.1500 (171-4(k))   | Magnitude of the Residue in Plants - Turnip Greens                    | Cite-All   |  | PAY   |                          |
| 860.1520 (171-4(l))   | Magnitude of the Residue in Plants in Processed Food or Feed - Canola | Cite-All   |  | PAY   |                          |
| 860.1520 (171-4(l))   | Magnitude of Residue in Processed Food/Feed - Citrus                  | Cite-All   |  | PAY   |                          |
| 860.1520 (171-4(l))   | Magnitude of Residue in Processed Food/Feed - Corn                    | 40257908<br>41858103<br>41858108<br>41894602<br>41804603<br>44620602<br>44805701 | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>PER<br>PER | See endnote <sup>x</sup> |
| Signature<br>                                |   | Name and Title<br>John F. Wright, Authorized Representative                      |  | Date<br>8/23/13                               |                          |



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4 Tri Harbor Court  
Port Washington, NY 11050

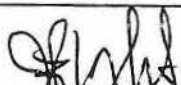
Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

|                     |   |          |  |     |  |
|---------------------|---|----------|--|-----|--|
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Cotton                  | Cite-All |  | PAY |  |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Fruiting Vegetables     | Cite-All |  | PAY |  |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Legume Vegetables       | Cite-All |  | PAY |  |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Peanuts                 | Cite-All |  | PAY |  |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Root & Tuber Vegetables | Cite-All |  | PAY |  |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed Food/Feed – Soybeans                | Cite-All |  | PAY |  |
| 860.1850 (165-1)    | Confined Crop Rotation Study  | Cite-All |  | PAY |  |
| 860.1900 (165-2)    | Field Rotational Crop   | Cite-All |  | PAY |  |
| 201-1               | Droplet Size Spectrum   | Cite-All |  | PAY |  |
| 202-1               | Droplet Size Spectrum   | Cite-All |  | PAY |  |

|  |   |                 |
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Applicant's/Registrant's Name & Address

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4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name                               | MRID Number                                  | Submitter                                      | Status     | Note |
|----------------------------|--|--|--|------------|------|
| 810.3100                   | Soil Treatments for Imported Fire Ants             | 44021901<br>44638801<br>45239501<br>45367001 | FMC Corporation                                | PER        |      |
| 890.1100                   | Amphibian Metamorphosis (Rat)                      | 48675901                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1150                   | Androgen Receptor Binding (Rat Prostate)           | 48615001                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1200                   | Aromatase (Human Recombinant)                      | 48615002                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1250                   | Estrogen Receptor Binding                          | 48615003<br>48843501                         | Bifenthrin Task Force<br>Bifenthrin Task Force | OWN<br>OWN |      |
| 890.1300                   | Estrogen Receptor Transcriptional Activation Assay | 48615004                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1350                   | Fish Short-Term Reproduction                       | 48675902                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1400                   | Hershberg <sup>3</sup> (Rat)                       | 48615005                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1450                   | Female Pubertal (Rat)                              | 48669401                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1500                   | Male Pubertal (Rat)                                | 48669401                                     | Bifenthrin Task Force                          | OWN        |      |
| 890.1550                   | Steroidogenesis                                    | 48615006                                     | Bifenthrin Task Force                          | OWN        |      |

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



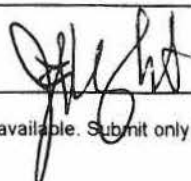
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| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|   |   |          |  |     |  |
|---|---|----------|--|-----|--|
| 890.1600  | Uterotrophic (Rat)  | 48615007 | Bifenthrin Task Force                    | OWN |  |
| Aceto Agricultural Chemicals Corp will make offers-to-pay to the following companies on the April 8, 2013 Data Submitters List for Bifenthrin |   |          |  |     |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Nufarm Americas Inc.                     | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | The Scotts Company d/b/a The Ortho Group | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | FMC Corp. Agricultural Products Group    | PER |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Bayer Environmental Science              | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Whitmire Micro-Gen Research Laboratories | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | The Scotts Company                       | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | McLaughlin Gormley King Co               | PAY |  |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



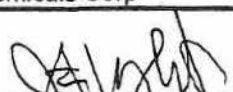
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DATA MATRIX

|   |   |               |           |        |      |
|---|---|---------------|-----------|--------|------|
| Date: August 23, 2013   | EPA Reg. No./File Symbol: 2749-560      | Page 19 of 24 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 | Product<br><br>Bifenthrin Technical MUP |               |           |        |      |
| Ingredient: Bifenthrin  |   |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                    | MRID Number   | Submitter | Status | Note |

|           |   |  |   |                 |  |
|-----------|---|--|---|-----------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Fuller System, Inc.   | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Winfield Solutions, LLC                                     | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Sergeant's Pet Care Products, Inc.                          | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | SC Johnson & Son, Inc.                                      | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | AMVAC Chemical Corporation                                  | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Helena Chemical Co.   | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Southern States Cooperative, Inc.                           | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Nippon Soda Co. Ltd.  | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | The Andersons Lawn Fertilizer Division                      | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Sunniland Corporation                                       | PAY             |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |  |



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## DATA MATRIX

Date: August 23, 2013

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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

Guideline Reference Number

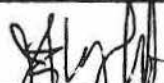
Guideline Study Name

MRID Number

Submitter

Status

Note

|           |   |  |   |                 |  |
|-----------|---|--|---|-----------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Chemsico  | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Lesco Inc.  | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Makhteshim Chemical Works Ltd.                              | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Loveland Products, Inc.                                     | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Howard Fertilizer & Chemical Co., Inc.                      | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Albaugh, Inc.   | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | BASF Sparks LLC   | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Control Solutions, Inc.                                     | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Arizona Chemical Group, Inc.                                | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Pyrethroid Working Group                                    | PAY             |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |  |



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**DATA MATRIX**

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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |        |      |
| Ingredient: Bifenthrin  |                      |   |               |        |      |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status | Note |

|  |   |   |   |                 |  |
|--|---|---|---|-----------------|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Makhteshim-Agan of North America, Inc.  | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Arysta Lifescience North America        | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Spray Drift Task Force                  | PER             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Bengal Products Inc.                    | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | United Phosphorus, Inc.                 | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Outdoor Residential Exposure Task Force | PER             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Agricultural Reentry Task Force         | PER             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Sapstain Industry Group                 | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Nondietary Exposure Task Force          | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Univar USA Inc.                         | PAY             |  |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |   | Date<br>8/23/13 |  |



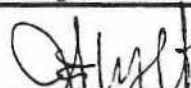
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |   |   |   |                 |  |
|--|---|---|---|-----------------|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | FIFRA Endangered Species Task Force       | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Residential Exposure Joint Venture        | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Atex, Inc.                                | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Agricultural Handlers Exposure Task Force | PER             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Osmoste Utilities Services, Inc.          | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Ensystex II, Inc.                         | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Direct AG Source, LLC                     | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Tacoma Ag, LLC                            | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Ensystex IV, Inc.                         | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Wet & Forget USA Ltd.                     | PAY             |  |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |   | Date<br>8/23/13 |  |



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

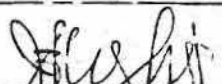
|  |   |  |  |     |  |
|--|---|--|--|-----|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Generic Endangered Species Task Force    | PER |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Kaizen Technologies, LLC                 | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Bifenthrin Task Force Steering Committee | OWN |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Liberty Crop Protections, LLC            | PAY |  |

<sup>i</sup> **870.600 (81-8)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>ii</sup> **870.3200 (82-2)** – The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>iii</sup> **870.6200 (82-5)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>iv</sup> **870.6300** – The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |           |               |      |
| Ingredient: Bifenthrin  |                      |   |           |               |      |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter | Status        | Note |

- <sup>v</sup> **860.1340 (171-4(c), (d))** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.
- <sup>vi</sup> **860.1360** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>vii</sup> **860.1400** - These data are not required as per an EPA memo dated Oct. 17, 2002.
- <sup>viii</sup> **860.1460** - These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.
- <sup>ix</sup> **860.1520 - Corn** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>x</sup> **860.1500 - Corn** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

| Product Specific Data Requirements |  |  |  |  |                                    |              |
|------------------------------------|--|--|--|--|------------------------------------|--------------|
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  |                                    | Not required |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |
|                                    |  |  |  |  | Aceto Agricultural Chemicals Corp. | OWN          |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

Aceto Agricultural Chemicals Corp.

OWN

PAY

PAY

Aceto Agricultural Chemicals Corp.

OWN

Aceto Agricultural Chemicals Corp.

OWN

Not required

Not required

Aceto Agricultural Chemicals Corp.

OWN

PAY

Not required

Aceto Agricultural Chemicals Corp.

OWN

Not required

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



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WASHINGTON, D.C. 20460

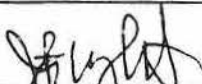
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|  |  |                                    |     |  |  |                                    |     |                 |
|--|--|------------------------------------|-----|--|--|------------------------------------|-----|-----------------|
|  |  |                                    |     |  |  | Aceto Agricultural Chemicals Corp. | OWN |                 |
|  |  |                                    |     |  |  |                                    | PAY |                 |
|  |  |                                    |     |  |  |                                    |     | Not required    |
|  |  |                                    |     |  |  |                                    | PAY |                 |
|  |  |                                    |     |  |  |                                    |     | See<br>870.7550 |
|  |  |                                    |     |  |  |                                    |     | See<br>870.7550 |
|  |  |                                    |     |  |  |                                    | PAY |                 |
|  |  |                                    |     |  |  |                                    |     | See<br>870.7860 |
|  |  |                                    |     |  |  |                                    | PAY |                 |
|  |  |                                    |     |  |  |                                    |     |                 |
|  |  | Aceto Agricultural Chemicals Corp. | OWN |  |  |                                    |     |                 |
|  |  | Aceto Agricultural Chemicals Corp. | OWN |  |  |                                    |     |                 |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



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Applicant's/Registrant's Name & Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

|  |                                    |     |  |
|--|------------------------------------|-----|--|
|  | Aceto Agricultural Chemicals Corp. | OWN |  |
|  | Aceto Agricultural Chemicals Corp. | OWN |  |
|  | Aceto Agricultural Chemicals Corp. | OWN |  |
|  | Aceto Agricultural Chemicals Corp. | OWN |  |
|  |                                    |     |  |
|  |                                    |     |  |
|  |                                    | PAY |  |
|  |                                    | PAY |  |
|  |                                    | PAY |  |
|  |                                    | PAY |  |
|  |                                    | PAY |  |
|  |                                    | PAY |  |
|  |                                    | OLD |  |
|  |                                    | PAY |  |
|  | Bifenthrin Task Force              | OWN |  |
|  |                                    | OLD |  |

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



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401 M Street, S.W.  
WASHINGTON, D.C. 20460

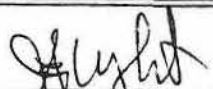
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|  |  |  |  |         |  |
|--|--|--|--|---------|--|
|  |  |  | Study in progress by Bifenthrin Task Force | OWN     |  |
|  |  |  | Study in progress by Bifenthrin Task Force | OLD OWN |  |
|  |  |  |  | PAY     |  |
|  |  |  | Study in progress by Bifenthrin Task Force | OWN     |  |
|  |  |  | Study in progress by Bifenthrin Task Force | OWN     |  |
|  |  |  | Study in progress by Bifenthrin Task Force | OWN     |  |
|  |  |  |  | PAY     |  |
|  |  |  |  | PAY     |  |
|  |  |  |  | PAY     |  |
|  |  |  |  | PAY     |  |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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## DATA MATRIX

Date: August 23, 2013

EPA Reg. No./File Symbol: 2749-560

Page 6 of 24

Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

FMC Corp. Agricultural Products Group

PER

See endnote<sup>i</sup>

PAY

PAY

FMC Corp. Agricultural Products Group

OLD

See endnote<sup>ii</sup>

Bifenthrin Task Force

PER

OWN

PAY

FMC Corp. Agricultural Products Group

PER

See endnote<sup>iii</sup>

PAY

PAY

PAY

PAY

FMC Corp. Agricultural Products Group

PER

See endnote<sup>iv</sup>

PAY

PAY

PAY

Signature

Name and Title

John F. Wright, Authorized Representative

Date

8/23/13



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401 M Street, S.W.  
WASHINGTON, D.C. 20460

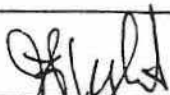
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DATA MATRIX

|   |                      |   |              |             |
|---|----------------------|---|--------------|-------------|
| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 7 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|  |  |  |  |  |  |                       |     |
|--|--|--|--|--|--|-----------------------|-----|
|  |  |  |  |  |  | PAY                   |     |
|  |  |  |  |  |  | PAY                   |     |
|  |  |  |  |  |  | Bifenthrin Task Force | OWN |
|  |  |  |  |  |  |                       |     |
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|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |              |             |
| Ingredient: Bifenthrin  |                      |   |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter    | Status Note |

|                                    |  |   |            |                 |
|------------------------------------|--|---|------------|-----------------|
|                                    |  |   | OLD        |                 |
|                                    |  |   | OLD        |                 |
|                                    | Bifenthrin Task Force                          |   | OWN        |                 |
|                                    |  |   | PAY        |                 |
|                                    |  |   |            | Not required    |
|                                    |  |   | PAY        |                 |
|                                    |  |   |            | Not required    |
|                                    |  |   |            | Not required    |
|                                    | Bifenthrin Task Force<br>Bifenthrin Task Force |   | OWN<br>OWN |                 |
|                                    |  |   | PAY        |                 |
| FMC Corporation<br>FMC Corporation |  | PAY<br>PAY  |            |                 |
|                                    |  |   |            |                 |
| Aceto Agricultural Chemicals Corp. |  | OWN   |            |                 |
| Signature<br>                      |  | Name and Title<br>John F. Wright, Authorized Representative |            | Date<br>8/23/13 |



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## Date: August 23, 2013

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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

|        |  |
|--------|--|
| Status |  |
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Note

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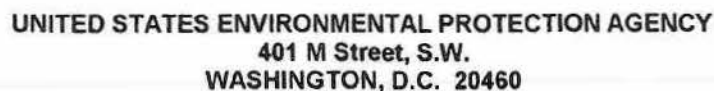
Signature

Name and Title

John F. Wright, Authorized Representative

Date


8/23/13



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|---|----------------------|-------------|---|--------|---------------|--|
| Date: August 23, 2013   |                      |             | EPA Reg. No./File Symbol: 2749-560      |        | Page 11 of 24 |  |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      |             | Product<br><br>Bifenthrin Technical MUP |        |               |  |
| Ingredient: Bifenthrin  |                      |             |   |        |               |  |
| Guideline Reference Number  | Guideline Study Name | MRID Number | Submitter                               | Status | Note          |  |

|  |                                       |     |                           |
|--|---------------------------------------|-----|---------------------------|
|  |                                       | OLD | See endnote <sup>v</sup>  |
|  |                                       | OLD |                           |
|  |                                       | OLD |                           |
|  |                                       | OLD |                           |
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|  |                                       | OLD |                           |
|  | FMC Corp. Agricultural Products Group | PER |                           |
|  | FMC Corp. Agricultural Products Group | PER |                           |
|  | FMC Corp. Agricultural Products Group | PER |                           |
|  | FMC Corp. Agricultural Products Group | PER |                           |
|  | FMC Corp. Agricultural Products Group | PER |                           |
|  |                                       | OLD | See endnote <sup>vi</sup> |
|  |                                       | OLD |                           |

|           |   |   |                 |
|-----------|---|---|-----------------|
| Signature |  | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 12 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|               |                               |   |                              |                 |
|---------------|-------------------------------|---|------------------------------|-----------------|
|               |                               | PAY   |                              |                 |
|               |                               |   | Not required <sup>vii</sup>  |                 |
|               |                               |   | Not required <sup>viii</sup> |                 |
|               |                               | PAY   |                              |                 |
|               |                               | PAY   |                              |                 |
|               | See root and tuber vegetables |   |                              |                 |
|               |                               | PAY   |                              |                 |
|               |                               | PAY   |                              |                 |
|               |                               | PAY   |                              |                 |
|               |                               | PAY   |                              |                 |
| Signature<br> |                               | Name and Title<br>John F. Wright, Authorized Representative |                              | Date<br>8/23/13 |



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |           |               |      |
| Ingredient: Bifenthrin  |                      |   |           |               |      |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter | Status        | Note |

|  |  |                                       |     |                             |
|--|--|---------------------------------------|-----|-----------------------------|
|  |  | FMC Corp. Agricultural Products Group | OLD | See<br>endnote <sup>x</sup> |
|  |  | FMC Corp. Agricultural Products Group | OLD |                             |
|  |  |                                       | OLD |                             |
|  |  |                                       | OLD |                             |
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|  |  | Bifenthrin Task Force                 | OWN |                             |
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|  |  |                                       | PAY |                             |

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|---------------|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |                                       |     |  |
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|  |                                       | PAY |  |
|  |                                       | PAY |  |
|  |                                       | PAY |  |
|  | FMC Corp. Agricultural Products Group | PER |  |
|  | FMC Corp. Agricultural Products Group | PER |  |
|  |                                       | PAY |  |
|  | See root and tuber vegetables         |     |  |
|  | See canola                            |     |  |
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|---------------|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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Applicant's/Registrant's Name & Address

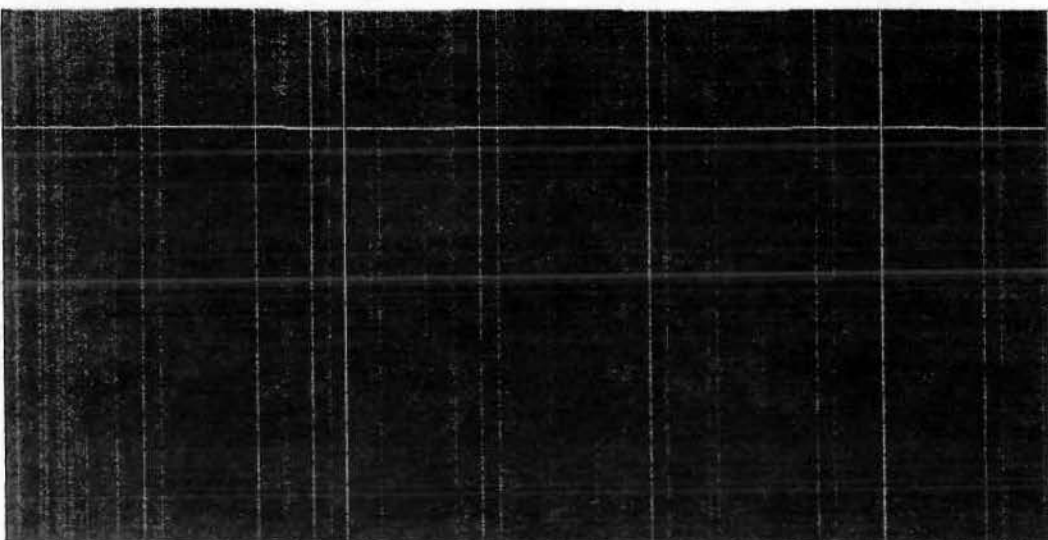
Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

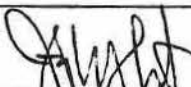
Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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WASHINGTON, D.C. 20460

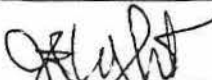
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|---|----------------------|---|---------------|-------------|
| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 17 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |  |  |  |  |                       |     |  |
|--|--|--|--|--|-----------------------|-----|--|
|  |  |  |  |  | FMC Corporation       | PER |  |
|  |  |  |  |  |                       |     |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
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|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |
|  |  |  |  |  | Bifenthrin Task Force | OWN |  |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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## DATA MATRIX

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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

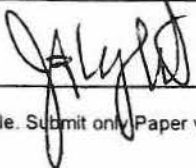
Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

|   |   |          |  |     |  |
|---|---|----------|--|-----|--|
| 890.1600  | Uterotrophic (Rat)  | 48615007 | Bifenthrin Task Force                    | OWN |  |
| Aceto Agricultural Chemicals Corp will make offers-to-pay to the following companies on the April 8, 2013 Data Submitters List for Bifenthrin |   |          |  |     |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Nufarm Americas Inc.                     | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | The Scotts Company d/b/a The Ortho Group | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | FMC Corp. Agricultural Products Group    | PER |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Bayer Environmental Science              | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | Whitmire Micro-Gen Research Laboratories | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | The Scotts Company                       | PAY |  |
|   | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |          | McLaughlin Gormley King Co               | PAY |  |

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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WASHINGTON, D.C. 20460

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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 19 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |   |   |  |                 |  |
|--|---|---|--|-----------------|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Fuller System, Inc.                    | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Winfield Solutions, LLC                | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Sergeant's Pet Care Products, Inc.     | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | SC Johnson & Son, Inc.                 | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | AMVAC Chemical Corporation             | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Helena Chemical Co.                    | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Southern States Cooperative, Inc.      | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Nippon Soda Co. Ltd.                   | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | The Andersons Lawn Fertilizer Division | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Sunniland Corporation                  | PAY             |  |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |  | Date<br>8/23/13 |  |



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY


401 M Street, S.W.  
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|   |                      |   |               |             |
|---|----------------------|---|---------------|-------------|
| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 20 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |   |   |  |                 |  |
|--|---|---|--|-----------------|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Chemsico                               | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Lesco Inc.                             | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Makhteshim Chemical Works Ltd.         | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Loveland Products, Inc.                | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Howard Fertilizer & Chemical Co., Inc. | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Albaugh, Inc.                          | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | BASF Sparks LLC                        | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Control Solutions, Inc.                | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Arizona Chemical Group, Inc.           | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Pyrethroid Working Group               | PAY             |  |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |  | Date<br>8/23/13 |  |



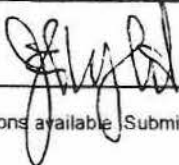
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| Date: August 23, 2013   | EPA Reg. No./File Symbol: 2749-560      | Page 21 of 24 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 | Product<br><br>Bifenthrin Technical MUP |               |           |        |      |
| Ingredient: Bifenthrin  |   |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                    | MRID Number   | Submitter | Status | Note |

|           |   |  |   |                 |  |
|-----------|---|--|---|-----------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Makhteshim-Agan of North America, Inc.                      | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Arysta Lifescience North America                            | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Spray Drift Task Force                                      | PER             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Bengal Products Inc.  | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | United Phosphorus, Inc.                                     | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Outdoor Residential Exposure Task Force                     | PER             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Agricultural Reentry Task Force                             | PER             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Sapstain Industry Group                                     | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Nondietary Exposure Task Force                              | PAY             |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Univar USA Inc.   | PAY             |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |  |



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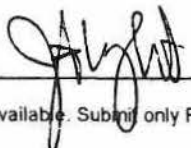
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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      | Page 22 of 24 |             |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |               |             |
| Ingredient: Bifenthrin  |                      |   |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter     | Status Note |

|  |   |   |   |                 |  |
|--|---|---|---|-----------------|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | FIFRA Endangered Species Task Force       | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Residential Exposure Joint Venture        | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Alex, Inc.                                | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Agricultural Handlers Exposure Task Force | PER             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Osrose Utilities Services, Inc.           | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Ensystex II, Inc.                         | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Direct AG Source, LLC                     | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Tacoma Ag, LLC                            | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Ensystex IV, Inc.                         | PAY             |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |   | Wet & Forget USA Ltd.                     | PAY             |  |
| Signature<br> |   | Name and Title<br>John F. Wright, Authorized Representative |   | Date<br>8/23/13 |  |



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Applicant's/Registrant's Name & Address  
Aceto Agricultural Chemicals Corp  
4 Tri Harbor Court  
Port Washington, NY 11050

Product

Bifenthrin Technical MUP

Ingredient: Bifenthrin


| Guideline Reference Number | Guideline Study Name  | MRID Number | Submitter                                | Status | Note |
|----------------------------|---|-------------|--|--------|------|
|                            | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |             | Generic Endangered Species Task Force    | PER    |      |
|                            | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |             | Kaizen Technologies, LLC                 | PAY    |      |
|                            | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |             | Bifenthrin Task Force Steering Committee | OWN    |      |
|                            | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |             | Liberty Crop Protections, LLC            | PAY    |      |

<sup>i</sup> **870.600 (81-8)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>ii</sup> **870.3200 (82-2)** – The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>iii</sup> **870.6200 (82-5)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

<sup>iv</sup> **870.6300** – The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
|--|---|-----------------|



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| Date: August 23, 2013   |                      | EPA Reg. No./File Symbol: 2749-560      |           | Page 24 of 24 |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>4 Tri Harbor Court<br>Port Washington, NY 11050 |                      | Product<br><br>Bifenthrin Technical MUP |           |               |      |
| Ingredient: Bifenthrin  |                      |   |           |               |      |
| Guideline Reference Number  | Guideline Study Name | MRID Number                             | Submitter | Status        | Note |

- <sup>v</sup> **860.1340 (171-4(c), (d))** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.
- <sup>vi</sup> **860.1360** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>vii</sup> **860.1400** - These data are not required as per an EPA memo dated Oct. 17, 2002.
- <sup>viii</sup> **860.1460** - These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.
- <sup>ix</sup> **860.1520 - Corn** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>x</sup> **860.1500 - Corn** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

|  |   |                 |
|--|---|-----------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative | Date<br>8/23/13 |
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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 1 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

| Product Specific Data Requirements |   |          |  |     |                |
|------------------------------------|---|----------|--|-----|----------------|
| 830.1550                           | Product Identity and Composition                                      |          |  |     |                |
| 830.1600                           | Description of Materials Used to Produce the Product                  |          |  |     |                |
| 830.1620                           | Description of Production Process                                     |          |  |     |                |
| 830.1650                           | Description of Formulation Process                                    |          |  |     | Not Applicable |
| 830.1670                           | Discussion of Formation of Impurities                                 |          |  |     |                |
| 830.1700                           | Preliminary Analysis  |          |  |     |                |
| 830.1750                           | Certified Limits  |          |  |     |                |
| 830.1800                           | Enforcement Analytical Method   |          |  |     |                |
| 830.6302                           | Color   |          |  |     |                |
| 830.6303                           | Physical State  |          |  |     |                |
| 830.6304                           | Odor  |          |  |     |                |
| 830.6313                           | Stability to Normal and Elevated Temperatures, Metals, and Metal Ions | Cite-all |  | PAY |                |
| 830.6314                           | Oxidation/Reduction: Chemical Incompatibility                         | Cite-all |  | PAY |                |
| 830.6315                           | Flammability  |          |  |     | Not Applicable |
| 830.6316                           | Explosibility   |          |  |     | Not Applicable |
| 830.6317                           | Storage Stability   |          |  |     |                |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|




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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 2 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|          |  |          |  |     |                |
|----------|--|----------|--|-----|----------------|
| 830.6319 | Miscibility  |          |  |     | Not Applicable |
| 830.6320 | Corrosion Characteristics  |          |  |     |                |
| 830.6321 | Dielectric Breakdown Voltage   |          |  |     | Not Applicable |
| 830.7000 | pH   |          |  |     | Not Applicable |
| 830.7050 | UV/Visible Absorption  | Cite-all |  | PAY |                |
| 830.7100 | Viscosity  |          |  |     | Not Applicable |
| 830.7200 | Melting Point/Melting Range  |          |  |     |                |
| 830.7220 | Boiling Point/Boiling Range  |          |  |     | Not Applicable |
| 830.7300 | Density/Relative Density/Bulk Density  |          |  |     |                |
| 830.7370 | Dissociation Constants in Water  | Cite-all |  | PAY |                |
| 830.7520 | Particle Size, fiber length, and diameter distribution                       |          |  |     | Not Applicable |
| 830.7550 | Partition Coefficient (n-octanol/water), Shake Flask Method                  | Cite-all |  | PAY |                |
| 830.7560 | Partition Coefficient (n-octanol/water), Generator Column Method             |          |  |     | See 870.7550   |
| 830.7570 | Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography |          |  |     | See 870.7550   |
| 830.7840 | Water Solubility: Column Elution Method; Shake Flask Method                  | Cite-all |  | PAY |                |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 3 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|                                  |   |          |  |     |                 |
|----------------------------------|---|----------|--|-----|-----------------|
| 830.7860                         | Water Solubility, Generator Column Method |          |  |     | See<br>870.7840 |
| 830.7950                         | Vapor Pressure                            | Cite-all |  | PAY |                 |
|                                  |   |          |  |     |                 |
| 870.1100                         | Acute Oral Toxicity: Rat                  | Cite-all |  | PAY |                 |
| 870.1200                         | Acute Dermal Toxicity: Rat                | Cite-all |  | PAY |                 |
| 870.1300                         | Acute Inhalation Toxicity: Rat            | Cite-all |  | PAY |                 |
| 870.2400                         | Primary Eye Irritation: Rabbit            | Cite-all |  | PAY |                 |
| 870.2500                         | Primary Dermal Irritation                 | Cite-all |  | PAY |                 |
| 870.2600                         | Dermal Sensitization                      | Cite-all |  | PAY |                 |
|                                  |   |          |  |     |                 |
| <b>Generic Data Requirements</b> |   |          |  |     |                 |
| 850.2100 (71-1)                  | Acute Avian Oral Toxicity                 | Cite-all |  | PAY |                 |
| 850.2200 (71-2)                  | Avian Dietary Toxicity                    | Cite-all |  | PAY |                 |
| 850.2300 (71-4)                  | Avian Reproduction                        | Cite-all |  | PAY |                 |
| 850.2400 (71-3)                  | Wild Mammal Toxicity                      | Cite-all |  | PAY |                 |
| 850.1075 (72-1)                  | Freshwater Fish Toxicity                  | Cite-all |  | PAY |                 |
| 850.1010 (72-2)                  | Freshwater Invertebrate Toxicity          | Cite-all |  | PAY |                 |
| 850.1075 (72-3(a))               | Estuarine/Marine Toxicity: Fish           | Cite-all |  | PAY |                 |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|




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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 4 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|   |  |          |                                       |     |                          |
|---|--|----------|---------------------------------------|-----|--------------------------|
| 850.1025 (72-3(b))                        | Estuarine/Marine Toxicity: Mollusk                               | Cite-all |                                       | PAY |                          |
| 850.1035, 850.1045,<br>850.1055 (72-3(c)) | Estuarine/Marine Toxicity: Shrimp                                | Cite-all |                                       | PAY |                          |
| 850.1300 (72-4)                           | Aquatic Invertebrate Life Cycle                                  | Cite-all |                                       | PAY |                          |
| 850.1500 (72-5)                           | Fish Life Cycle  | Cite-all |                                       | PAY |                          |
| 850.1710, 850.1730,<br>850.1850 (165-4)   | Aquatic Organisms Bioavailability,<br>Biomagnification, Toxicity | Cite-all |                                       | PAY |                          |
|   |  |          |                                       |     |                          |
| 850.3020 (141-1)                          | Honeybee Acute Contact Toxicity                                  | Cite-all |                                       | PAY |                          |
|   |  |          |                                       |     |                          |
| 850.4100 (122-1(a))                       | Tier 1: Seed Germination/Seedling<br>Emergence                   | Cite-all |                                       | PAY |                          |
| 850.4150 (122-1(b))                       | Tier 1: Vegetative Vigor   | Cite-all |                                       | PAY |                          |
| 850.4400 (122-2)                          | Tier 1: Aquatic Plant Growth                                     | Cite-all |                                       | PAY |                          |
|   |  |          |                                       |     |                          |
| 870.6000 (81-8)                           | Acute Neurotoxicity – Rat  | 44862102 | FMC Corp. Agricultural Products Group | PAY | See endnote <sup>1</sup> |
| 870.3100 (82-1)                           | 90-Day Oral - Rodent   | Cite-all |                                       | PAY |                          |
| 870.3150 (82-1)                           | 90-Day Oral – Non-Rodent   | Cite-all |                                       | PAY |                          |

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| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|

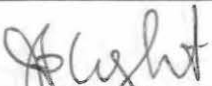


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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|  |   |                      |                                       |                          |                              |
|--|---|----------------------|---------------------------------------|--------------------------|------------------------------|
| 870.3200 (82-2)  | 21/28-Day Dermal  | 00141198<br>45280501 | FMC Corp. Agricultural Products Group | OLD<br>PAY               | See endnote <sup>ii</sup>    |
| 870.3250 (82-3)  | 90-Day Dermal   | See<br>870.3200      |                                       |                          |                              |
| 870.3465 (82-4)  | 90-Day Inhalation   | Cite-all             |                                       | PAY                      |                              |
| 870.6200 (82-5)  | 90-Day Neurotoxicity – Rat  | 44862103             | FMC Corp. Agricultural Products Group | PAY                      | See endnote <sup>iii</sup>   |
| 870.4100 (83-1)  | Chronic Oral – Rodent   | Cite-all             |                                       | PAY                      |                              |
| 870.4200   | Carcinogenicity   | Cite-all             |                                       | PAY                      |                              |
| 870.3700 (83-3)  | Prenatal Developmental Toxicity                                       | Cite-all             |                                       | PAY                      |                              |
| 870.3800 (83-4)  | Reproduction and Fertility Effects                                    | Cite-all             |                                       | PAY                      |                              |
| 870.6300   | Developmental Neurotoxicity   | 46750501             | FMC Corp. Agricultural Products Group | PAY                      | See<br>endnote <sup>iv</sup> |
| 870.5100 (84-2(a))   | Bacterial Reverse Mutation Assay                                      | Cite-all             |                                       | PAY                      |                              |
| 870.5300, 870.5375 (84-2(b))   | <i>In vitro</i> Mammalian Cell Assay                                  | Cite-all             |                                       | PAY                      |                              |
| 870.5385, 870.5395 (84-4)  | <i>In vivo</i> Cytogenetics   | Cite-all             |                                       | PAY                      |                              |
| 870.7485 (85-1)  | Metabolism and Pharmacokinetics                                       | Cite-all             |                                       | PAY                      |                              |
| 870.7600   | Dermal Penetration  | Cite-all             |                                       | PAY                      |                              |
| 870.7800   | Immunotoxicity  |                      |                                       |                          | See endnote <sup>v</sup>     |
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto |                      |                                       | Date<br>October 30, 2009 |                              |



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 |                      | Product<br><br>Bifenthrin Technical |              |             |
| Ingredient: Bifenthrin  |                      |                                     |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                         | Submitter    | Status Note |

|                  |                                    |          |  |     |  |
|------------------|------------------------------------|----------|--|-----|--|
| 875.1100         | Dermal Outdoor Exposure            | Cite-All |  | PAY |  |
| 875.1200         | Dermal Indoor Exposure             | Cite-All |  | PAY |  |
| 875.1300         | Inhalation Outdoor Exposure        | Cite-All |  | PAY |  |
| 875.1400         | Inhalation Indoor Exposure         | Cite-All |  | PAY |  |
| 875.2100         | Dislodgeable Foliar Residue        | Cite-All |  | PAY |  |
| 875.2200         | Soil Residue Dissipation           | Cite-All |  | PAY |  |
| 875.2300         | Indoor Surface Residue Dissipation | Cite-All |  | PAY |  |
| 875.2400         | Dermal Exposure                    | Cite-All |  | PAY |  |
| 875.2500         | Inhalation Exposure                | Cite-All |  | PAY |  |
| 835.2120 (161-1) | Hydrolysis                         | Cite-All |  | PAY |  |
| 835.2240 (161-2) | Photodegradation in Water          | Cite-All |  | PAY |  |
| 835.2410 (161-3) | Photodegradation on Soil           | Cite-All |  | PAY |  |
| 835.4100 (162-1) | Aerobic Soil Metabolism            | Cite-All |  | PAY |  |
| 835.4200 (162-2) | Anaerobic Soil Metabolism          | Cite-All |  | PAY |  |
| 835.4400 (162-3) | Anaerobic Aquatic Metabolism       | Cite-All |  | PAY |  |
| 835.4300 (162-4) | Aerobic Aquatic Metabolism         | Cite-All |  | PAY |  |

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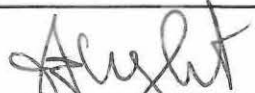
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|                            |  |                         |  |     |                              |
|----------------------------|--|-------------------------|--|-----|------------------------------|
| 835.1230, 835.1240 (163-1) | Leaching and Adsorption/Desorption         | 00141203<br>(AC 254401) |  | OLD | See<br>endnote <sup>vi</sup> |
|                            |  | 00132541<br>(AC 251728) |  | OLD |                              |
| 835.1410 (163-2)           | Volatility - Laboratory                    | Cite-All                |  | PAY |                              |
| 835.8100                   | Volatility - Field                         |                         |  |     | Not required                 |
| 835.6100 (164-1)           | Terrestrial Field Dissipation Study        | Cite-All                |  | PAY |                              |
| 835.6200 (164-2)           | Aquatic (Sediment) Field Dissipation Study |                         |  |     | Not required                 |
| 835.6300 (164-3)           | Forestry Field Dissipation Study           |                         |  |     | Not required                 |
| 860.1100 (171-2)           | Chemical Identity                          | Volume 2                |  |     |                              |
| 860.1200 (171-3)           | Directions for Use                         | See label               |  |     |                              |
| 860.1300 (171-4(a))        | Nature of the Residue in Plants            | Cite-All                |  | PAY |                              |
| 860.1300 (171-4(b))        | Nature of the Residue in Livestock         | Cite-All                |  | PAY |                              |

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| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

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|--------------------------|----------------------------|----------|---------------------------------------|-----|-----------------------------|
| 860.1340 (171-4(c), (d)) | Residue Analytical Methods | 40257903 | FMC Corp. Agricultural Products Group | OLD | See endnote <sup>vii</sup>  |
|                          |                            | 41492608 |                                       | OLD |                             |
|                          |                            | 41858110 |                                       | OLD |                             |
|                          |                            | 42357104 |                                       | OLD |                             |
|                          |                            | 42357105 |                                       | OLD |                             |
|                          |                            | 42733401 |                                       | OLD |                             |
|                          |                            | 00163078 |                                       | OLD |                             |
|                          |                            | 40257905 |                                       | OLD |                             |
|                          |                            | 40384407 |                                       | OLD |                             |
|                          |                            | 40384409 |                                       | OLD |                             |
|                          |                            | 40384411 |                                       | OLD |                             |
|                          |                            | 42927802 |                                       | OLD |                             |
|                          |                            | 43641801 |                                       | OLD |                             |
|                          |                            | 44165201 |                                       | PAY |                             |
|                          |                            | 44455501 |                                       | PAY |                             |
|                          |                            | 44455502 |                                       | PAY |                             |
| 830.1360                 | Multiresidue Method        | 45377301 | FMC Corp. Agricultural Products Group | PAY | See endnote <sup>viii</sup> |
|                          |                            | 45350910 | FMC Corp. Agricultural Products Group | PAY |                             |
|                          |                            | 40257907 |                                       | OLD |                             |
|                          |                            | 42357101 |                                       | OLD |                             |

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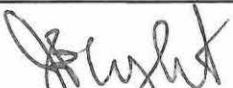
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|                     |   |          |                               |     |                           |
|---------------------|---|----------|-------------------------------|-----|---------------------------|
| 860.1380 (171-4(e)) | Storage Stability   | Cite-All |                               | PAY |                           |
| 860.1400 (171-4(f)) | Nature and Magnitude of the Residue - Water, Fish and Irrigated Crops |          |                               |     | Not required <sup>x</sup> |
| 860.1460            | Magnitude of the Residue in Plants - Food Handling                    |          |                               |     | Not required <sup>x</sup> |
| 860.1480 (171-4(j)) | Magnitude of the Residue in Meat, Milk, Poultry, and Eggs             | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Artichokes                       | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Beets, Garden                    |          | See root and tuber vegetables |     |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Brassica vegetables (5A and 5B)  | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Caneberries                      | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Canola                           | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Cilantro                         | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Citrus                           | Cite-All |                               | PAY |                           |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Coriander                        | Cite-All |                               | PAY |                           |

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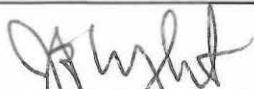
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Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name                                     | MRID Number  | Submitter  | Status  | Note                         |
|----------------------------|--|--|--|---|------------------------------|
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Corn                | 40257908<br>41858103<br>41858108<br>41894602<br>41804603<br>44620602<br>44805701 | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>PAY<br>PAY | See<br>endnote <sup>xi</sup> |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Cotton              | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Crambe              | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Cucurbits           | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Fruiting Vegetables | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Grapes              | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Herbs (19A)         | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Legume Vegetables   | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Lettuce             | Cite-All   |  | PAY   |                              |
| 860.1500 (171-4(k))        | Magnitude of the Residue in Plants - Mayhaw              | Cite-All   |  | PAY   |                              |

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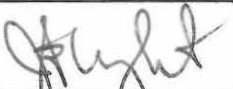
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| Ingredient: Bifenthrin  |                                     |               |           |        |      |
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|---------------------|--|----------|---------------------------------------|-----|--|
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Okra                      | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Peanut                    | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Pear                      | 45377302 | FMC Corp. Agricultural Products Group | PAY |  |
|                     |  | 45377303 | FMC Corp. Agricultural Products Group | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Radish                    |          | See root and tuber vegetables         |     |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Rapeseed                  |          | See canola                            |     |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Root and Tuber Vegetables | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Soybean                   | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Spinach                   | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Strawberry                | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Tobacco                   | Cite-All |                                       | PAY |  |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Tree Nuts                 | 00151439 |                                       | OLD |  |
|                     |  | 00162836 |                                       | OLD |  |
|                     |  | 41492604 |                                       | OLD |  |
|                     |  | 45377305 | FMC Corp. Agricultural Products Group | PAY |  |

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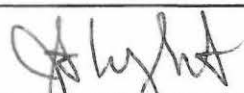
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| Ingredient: Bifenthrin  |                                     |               |           |        |      |
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| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants -<br>Tuberous and Corm Vegetables     | Cite-All   |  | PAY   |                               |
| 860.1500 (171-4(k)) | Magnitude of the Residue in Plants - Turnip<br>Greens                    | Cite-All   |  | PAY   |                               |
|                     |  |  |  |   |                               |
| 860.1520 (171-4(l)) | Magnitude of the Residue in Plants in<br>Processed Food or Feed – Canola | Cite-All   |  | PAY   |                               |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed<br>Food/Feed – Citrus                  | Cite-All   |  | PAY   |                               |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed<br>Food/Feed – Corn                    | 40257908<br>41858103<br>41858108<br>41894602<br>41804603<br>44620602<br>44805701 | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>PAY<br>PAY | See<br>endnote <sup>xii</sup> |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed<br>Food/Feed – Cotton                  | Cite-All   |  | PAY   |                               |
| 860.1520 (171-4(l)) | Magnitude of Residue in Processed<br>Food/Feed – Fruiting Vegetables     | Cite-All   |  | PAY   |                               |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|



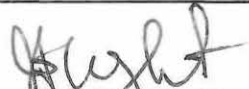
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |   |          |  |     |  |
|--|---|----------|--|-----|--|
| 860.1520 (171-4(I))  | Magnitude of Residue in Processed Food/Feed – Legume Vegetables       | Cite-All |  | PAY |  |
| 860.1520 (171-4(I))  | Magnitude of Residue in Processed Food/Feed – Peanuts                 | Cite-All |  | PAY |  |
| 860.1520 (171-4(I))  | Magnitude of Residue in Processed Food/Feed – Root & Tuber Vegetables | Cite-All |  | PAY |  |
| 860.1520 (171-4(I))  | Magnitude of Residue in Processed Food/Feed – Soybeans                | Cite-All |  | PAY |  |
| 860.1850 (165-1)   | Confined Crop Rotation Study  | Cite-All |  | PAY |  |
| 860.1900 (165-2)   | Field Rotational Crop   | Cite-All |  | PAY |  |
|  |   |          |  |     |  |
| 201-1  | Droplet Size Spectrum   | Cite-All |  | PAY |  |
| 202-1  | Droplet Size Spectrum   | Cite-All |  | PAY |  |
|  |   |          |  |     |  |
|  |   |          |  |     |  |
|  |   |          |  |     |  |
| Aceto Agricultural Chemicals Corp will make offers-to-pay to the following companies on the Sept. 30, 2009 Data Submitters List for Bifenthrin |   |          |  |     |  |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|




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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |   |  |  |     |  |
|--|---|--|--|-----|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Nufarm Americas Inc.                     | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | The Scotts Company d/b/a The Ortho Group | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | FMC Corp. Agricultural Products Group    | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Bayer Environmental Science              | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | The Scotts Company                       | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | McLaughlin Gormley King Co               | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Fuller System, Inc.                      | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | SC Johnson & Son, Inc.                   | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | AMVAC Chemical Corporation               | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Helena Chemical Co.                      | PAY |  |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|




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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|           |   |  |   |                          |  |
|-----------|---|--|---|--------------------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Southern States Cooperative, Inc.                                     | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Nippon Soda Co. Ltd.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | The Andersons Lawn Fertilizer Division                                | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Sunniland Corporation   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Lesco Inc.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Makhteshim Chemical Works Ltd.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Loveland Products, Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Howard Fertilizer & Chemical Co., Inc.                                | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Albaugh, Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | BASF Sparks LLC   | PAY                      |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |  |



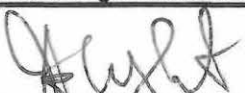
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|---|-------------------------------------|---------------|-----------|--------|------|
| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 16 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|           |   |  |   |                          |  |
|-----------|---|--|---|--------------------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Control Solutions, Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Arizona Chemical Group, Inc.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Pyrethroid Working Group  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Makhteshim-Agan of North America, Inc.                                | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Arysta Lifescience North America                                      | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Spray Drift Task Force  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Bengal Products Inc.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | United Phosphorus, Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Outdoor Residential Exposure Task Force                               | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Agricultural Reentry Task Force                                       | PAY                      |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |  |

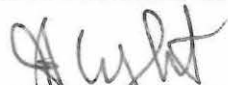


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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|           |   |  |   |                          |  |
|-----------|---|--|---|--------------------------|--|
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Sapstain Industry Group   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Nondietary Exposure Task Force  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Univar USA Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | FIFRA Endangered Species Task Force                                   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Residential Exposure Joint Venture                                    | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Atex, Inc.  | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Agricultural Handlers Exposure Task Force                             | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Osrose Utilities Services, Inc.                                       | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | Ensystex II, Inc.   | PAY                      |  |
|           | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp       |  | J. Oliver Products, LLC   | PAY                      |  |
| Signature |  |  | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |  |



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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 18 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |   |  |                                       |     |  |
|--|---|--|---------------------------------------|-----|--|
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | AXSS USA, LLC                         | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Ensystex IV, Inc.                     | PAY |  |
|  | Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp |  | Generic Endangered Species Task Force | OWN |  |

- <sup>i</sup> **870.600 (81-8)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>ii</sup> **870.3200 (82-2)** – The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>iii</sup> **870.6200 (82-5)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>iv</sup> **870.6300** – The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..
- <sup>v</sup> **870.7800** – Immunotoxicity is a new OPPTS data requirement. No data have been submitted to support this data requirement and it is assumed these data do not need to be submitted until all bifenthrin registrants are required to submit data for this data requirement.

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|



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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

- <sup>vi</sup> **835.1230, 835.1240 (163-1)** – The studies cited were considered acceptable and satisfied the data requirement as per an EPA memo dated Feb. 12, 1988. There have been no other leaching and adsorption/desorption studies conducted with technical bifenthrin. This was also stated in a June 19, 1987 Dynamac memo.
- <sup>vii</sup> **860.1340 (171-4(c), (d))** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.
- <sup>viii</sup> **860.1360** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>ix</sup> **860.1400** – These data are not required as per an EPA memo dated Oct. 17, 2002.
- <sup>x</sup> **860.1460** – These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.
- <sup>xi</sup> **860.1520 - Corn** – The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- <sup>xii</sup> **860.1500 - Corn** – The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

|  |   |                          |
|--|---|--------------------------|
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

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|--|--|-----|----------------|
|  |  |     |                |
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|  |  |     |                |
|  |  |     |                |
|  |  |     | Not Applicable |
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|  |  |     |                |
|  |  |     |                |
|  |  |     |                |
|  |  | PAY |                |
|  |  | PAY |                |
|  |  |     | Not Applicable |
|  |  |     | Not Applicable |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|



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Date: October 30, 2009

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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

Not Applicable

Not Applicable

Not Applicable

PAY

Not Applicable

Not Applicable

PAY

Not Applicable

PAY

See  
870.7550See  
870.7550

PAY

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

See  
870.7840

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009




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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|  |                                       |     |                          |
|--|---------------------------------------|-----|--------------------------|
|  |                                       | PAY |                          |
|  |                                       | PAY |                          |
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|  |                                       | PAY |                          |
|  |                                       |     |                          |
|  |                                       | PAY |                          |
|  |                                       | PAY |                          |
|  |                                       | PAY |                          |
|  | FMC Corp. Agricultural Products Group | PAY | See endnote <sup>1</sup> |
|  |                                       | PAY |                          |
|  |                                       | PAY |                          |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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Applicant's/Registrant's Name & Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

FMC Corp. Agricultural Products Group

OLD  
PAY

See endnote<sup>ii</sup>

FMC Corp. Agricultural Products Group

PAY

See endnote<sup>iii</sup>

FMC Corp. Agricultural Products Group

PAY

See  
endnote<sup>iv</sup>

See endnote<sup>v</sup>

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

PAY

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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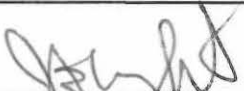
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 |                      | Product<br><br>Bifenthrin Technical |              |             |
| Ingredient: Bifenthrin  |                      |                                     |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                         | Submitter    | Status Note |

|  |  |  |  |     |                           |
|--|--|--|--|-----|---------------------------|
|  |  |  |  | OLD | See endnote <sup>vi</sup> |
|  |  |  |  | OLD |                           |
|  |  |  |  | PAY |                           |
|  |  |  |  |     | Not required              |
|  |  |  |  | PAY |                           |
|  |  |  |  |     | Not required              |
|  |  |  |  |     | Not required              |
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|  |  |  |  | PAY |                           |
|  |  |  |  | PAY |                           |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|



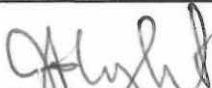
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |              |           |        |      |
| Ingredient: Bifenthrin  |                                     |              |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number  | Submitter | Status | Note |

|  |                                       |     |                                |
|--|---------------------------------------|-----|--------------------------------|
|  |                                       | OLD | See<br>endnote <sup>vii</sup>  |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  |                                       | OLD |                                |
|  | FMC Corp. Agricultural Products Group | PAY |                                |
|  | FMC Corp. Agricultural Products Group | PAY |                                |
|  | FMC Corp. Agricultural Products Group | PAY |                                |
|  | FMC Corp. Agricultural Products Group | PAY |                                |
|  | FMC Corp. Agricultural Products Group | PAY |                                |
|  |                                       | OLD | See<br>endnote <sup>viii</sup> |
|  |                                       | OLD |                                |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 |                      | Product<br><br>Bifenthrin Technical |              |             |
| Ingredient: Bifenthrin  |                      |                                     |              |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                         | Submitter    | Status Note |

|  |                               |     |                           |
|--|-------------------------------|-----|---------------------------|
|  |                               | PAY |                           |
|  |                               |     | Not required <sup>x</sup> |
|  |                               |     | Not required <sup>x</sup> |
|  |                               | PAY |                           |
|  |                               | PAY |                           |
|  | See root and tuber vegetables |     |                           |
|  |                               | PAY |                           |
|  |                               | PAY |                           |
|  |                               | PAY |                           |
|  |                               | PAY |                           |
|  |                               | PAY |                           |
|  |                               | PAY |                           |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |                                       |     |                              |
|--|---------------------------------------|-----|------------------------------|
|  |                                       | OLD | See<br>endnote <sup>xi</sup> |
|  |                                       | OLD |                              |
|  |                                       | OLD |                              |
|  |                                       | OLD |                              |
|  |                                       | OLD |                              |
|  | FMC Corp. Agricultural Products Group | PAY |                              |
|  | FMC Corp. Agricultural Products Group | PAY |                              |
|  |                                       | PAY |                              |
|  |                                       | PAY |                              |
|  |                                       | PAY |                              |
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| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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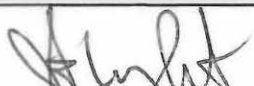
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

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|  |                                       | PAY                      |  |
|  |                                       | PAY                      |  |
|  | FMC Corp. Agricultural Products Group | PAY                      |  |
|  | FMC Corp. Agricultural Products Group | PAY                      |  |
|  | See root and tuber vegetables         |                          |  |
|  | See canola                            |                          |  |
|  |                                       | PAY                      |  |
|  |                                       | PAY                      |  |
|  |                                       | PAY                      |  |
|  |                                       | PAY                      |  |
|  |                                       | PAY                      |  |
|  | FMC Corp. Agricultural Products Group | OLD<br>OLD<br>OLD<br>PAY |  |

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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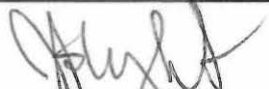
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

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|  |  | OLD<br>OLD<br>OLD<br>OLD<br>OLD<br>PAY<br>PAY | See<br>endnote <sup>xii</sup> |
|  | FMC Corp. Agricultural Products Group<br>FMC Corp. Agricultural Products Group | PAY<br>PAY                                    |                               |
|  |  | PAY   |                               |
|  |  | PAY   |                               |

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| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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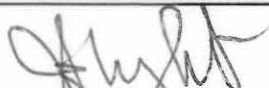
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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

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| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
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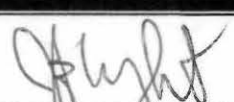


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| Date: October 30, 2009  | EPA Reg. No./File Symbol: 2749-XXX  | Page 14 of 19 |           |        |      |
| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |   |                          |  |
|--|---|--------------------------|--|
|  | Nufarm Americas Inc.  | PAY                      |  |
|  | The Scotts Company d/b/a The Ortho Group                              | PAY                      |  |
|  | FMC Corp. Agricultural Products Group                                 | PAY                      |  |
|  | Bayer Environmental Science   | PAY                      |  |
|  | The Scotts Company  | PAY                      |  |
|  | McLaughlin Gormley King Co  | PAY                      |  |
|  | Fuller System, Inc.   | PAY                      |  |
|  | SC Johnson & Son, Inc.  | PAY                      |  |
|  | AMVAC Chemical Corporation  | PAY                      |  |
|  | Helena Chemical Co.   | PAY                      |  |
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |  |

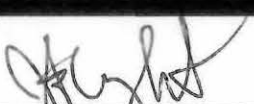


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| Applicant's/Registrant's Name & Address<br>Aceto Agricultural Chemicals Corp<br>One Hollow Lane<br>Lake Success, NY 11042 | Product<br><br>Bifenthrin Technical |               |           |        |      |
| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |   |                          |  |
|--|---|--------------------------|--|
|  | Southern States Cooperative, Inc.                                     | PAY                      |  |
|  | Nippon Soda Co. Ltd.  | PAY                      |  |
|  | The Andersons Lawn Fertilizer Division                                | PAY                      |  |
|  | Sunniland Corporation   | PAY                      |  |
|  | Lesco Inc.  | PAY                      |  |
|  | Makhteshim Chemical Works Ltd.  | PAY                      |  |
|  | Loveland Products, Inc.   | PAY                      |  |
|  | Howard Fertilizer & Chemical Co., Inc.                                | PAY                      |  |
|  | Albaugh, Inc.   | PAY                      |  |
|  | BASF Sparks LLC   | PAY                      |  |
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |  |



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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

Control Solutions, Inc.

PAY

Arizona Chemical Group, Inc.

PAY

Pyrethroid Working Group

PAY

Makhteshim-Agan of North America,  
Inc.

PAY

Arysta Lifescience North America

PAY

Spray Drift Task Force

PAY

Bengal Products Inc.

PAY

United Phosphorus, Inc.

PAY

Outdoor Residential Exposure Task  
Force

PAY

Agricultural Reentry Task Force

PAY

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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401 M Street, S.W.  
WASHINGTON, D.C. 20460

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**DATA MATRIX**

Date: October 30, 2009

EPA Reg. No./File Symbol: 2749-XXX

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Applicant's/Registrant's Name &amp; Address

Aceto Agricultural Chemicals Corp  
One Hollow Lane  
Lake Success, NY 11042

Product

Bifenthrin Technical

Ingredient: Bifenthrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

Sapstain Industry Group

PAY

Nondietary Exposure Task Force

PAY

Univar USA Inc.

PAY

FIFRA Endangered Species Task  
Force

PAY

Residential Exposure Joint Venture

PAY

Atex, Inc.

PAY

Agricultural Handlers Exposure Task  
Force

PAY

Osmose Utilities Services, Inc.

PAY

Ensystex II, Inc.

PAY

J. Oliver Products, LLC

PAY

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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Form Approved OMB No. 2070-0060

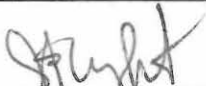
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| Ingredient: Bifenthrin  |                                     |               |           |        |      |
| Guideline Reference Number  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |

|  |                                       |     |  |
|--|---------------------------------------|-----|--|
|  | AXSS USA, LLC                         | PAY |  |
|  | Ensystex IV, Inc.                     | PAY |  |
|  | Generic Endangered Species Task Force | OWN |  |

- <sup>i</sup> **870.600 (81-8)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>ii</sup> **870.3200 (82-2)** – The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>iii</sup> **870.6200 (82-5)** – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).
- <sup>iv</sup> **870.6300** – The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..
- <sup>v</sup> **870.7800** – Immunotoxicity is a new OPPTS data requirement. No data have been submitted to support this data requirement and it is assumed these data do not need to be submitted until all bifenthrin registrants are required to submit data for this data requirement.

|  |   |                          |
|--|---|--------------------------|
| Signature<br> | Name and Title<br>John F. Wright, Authorized Representative for Aceto | Date<br>October 30, 2009 |
|--|---|--------------------------|



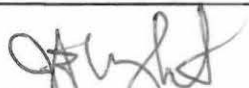
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| Ingredient: Bifenthrin  |                      |                                     |               |             |
| Guideline Reference Number  | Guideline Study Name | MRID Number                         | Submitter     | Status Note |

- vi **835.1230, 835.1240 (163-1)** – The studies cited were considered acceptable and satisfied the data requirement as per an EPA memo dated Feb. 12, 1988. There have been no other leaching and adsorption/desorption studies conducted with technical bifenthrin. This was also stated in a June 19, 1987 Dynamac memo.
- vii **860.1340 (171-4(c), (d))** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.
- viii **860.1360** - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- ix **860.1400** – These data are not required as per an EPA memo dated Oct. 17, 2002.
- x **860.1460** – These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.
- xi **860.1520 - Corn** – The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- xii **860.1500 - Corn** – The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

|  |   |                          |
|--|---|--------------------------|
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|--|---|--------------------------|